



A LEADER IN COMPLEX REACTIONS & FORMULATION CHEMISTRIES

The background of the upper half of the page is a photograph of an industrial site, likely an oil or gas wellhead, silhouetted against a bright sunset sky. The scene is overlaid with a complex, glowing blue network of lines and nodes, resembling a molecular structure or a data network. The text "Trusted Partners in Chemical Manufacturing" is centered over this image in a white, sans-serif font.

Trusted Partners in Chemical Manufacturing

Field Strength Chemical Catalog

VERSION FS 0326 A



25 YEARS EXPERIENCE

NovaStar is a developer, manufacturer, and supplier of chemical products and services to the North American energy and industrial markets.

We work collaboratively with a wide range of customers, from industry-leading chemical providers to start-up companies, to simplify and support their operations. NovaStar was initially established to address the demand for consistent-quality raw materials.

Today, we are an integral link in the North American chemicals management supply chain. We provide field-strength chemical blends, intermediates, and custom chemistries for energy, pulp and paper, and industrial markets.

We understand your mission to provide high quality chemical solutions quickly and cost-effectively:

OPERATIONAL EXCELLENCE

Our operations and processes provide expanded capacity and seamless integration.

QUALITY, CONSISTENCY, AND RELIABILITY

Our products are developed, manufactured, and tested on-site by experienced chemical engineers, technicians, and industry specialists.

ACCOUNTABILITY AND CONFIDENTIALITY

From proprietary formulations, pricing, services, and support, we hold ourselves to the highest standards.



FIELD STRENGTH

Corrosion Inhibitors

A full line of corrosion inhibition products to mitigate the corrosive effects of produced/injected fluids

PRODUCT	SOLUBILITY	MARKET	H ₂ S	CO ₂	BATCH	CONTINUOUS	WINTERIZED
NS-1400	Oil Soluble / Water Dispersible	Oil & Gas	X		X	X	
NS-1402	Oil Soluble	Oil & Gas	X		X		X
NS-1413	Oil Soluble / Water Dispersible	Oil & Gas	X		X		
NS-1418	Oil Soluble	Oil & Gas	X	X	X		
NS-1444	Oil Soluble	Oil & Gas	X	X	X	X	
NS-1457	Oil Soluble	Oil & Gas	X	X	X	X	
NS-1466	Oil Soluble	Oil & Gas	X	X	X	X	
NS-1483	Oil Soluble	Oil & Gas	X	X			
NS-1485	Oil Soluble / Water Dispersible	Oil & Gas	X	X	X	X	
NS-1496	Oil Soluble	Oil & Gas	X	X			
NS-1497	Oil Soluble	Oil & Gas	X	X			
NS-1499	Oil Soluble	Oil & Gas	X	X	X	X	X
NS-1411	Water Soluble	Oil & Gas	X	X	X		
NS-1414	Water Soluble	Oil & Gas	X	X	X	X	
NS-1435	Water Soluble	Oil & Gas	X	X	X	X	
NS-1464	Water Soluble	Oil & Gas	X	X	X		
NS-1468	Water Soluble	Oil & Gas	X	X		X	X
NS-1470	Water Soluble	Oil & Gas	X	X	X		
NS-1471	Water Soluble	Oil & Gas	X	X	X	X	
NS-1473	Water Soluble	Oil & Gas	X	X	X	X	
NS-1481	Water Soluble	Oil & Gas		X	X	X	
NS-1485	Water Dispersible	Oil & Gas	X	X	X	X	
NS-1495	Water Soluble	Oil & Gas	X	X	X	X	X
NS-1498	Water Soluble	Oil & Gas		X	X	X	X

Combination Scale / Corrosion Inhibitors

When both corrosion protection and scale inhibition are needed to treat a system

PRODUCT	H ₂ S	CO ₂	CALCIUM	BARIUM	IRON	WINTERIZED	WEIGHTED
NS-1106		X	X	X		X	
NS-1122		X	X	X			X
NS-1128		X	X	X		X	
NS-1129		X	X	X		X	
NS-1139		X	X	X	X		
NS-1144		X	X	X		X	
NS-1147		X	X	X		X	X
NS-1151	X	X	X	X	X	X	
NS-1158		X	X	X		X	
NS-1163		X	X	X		X	
NS-2118		X	X	X			

FIELD STRENGTH

Scale Inhibitors

Prevent precipitation and accumulation of crystals related to scaling

PRODUCT	TREATMENT	CALCIUM	BARIUM	IRON	WINTERIZED
NS-1600	Continuous	X			
NS-1601	Continuous	X	X		
NS-1610	Continuous	X	X		X
NS-1629	Continuous	X	X		
NS-1631	Continuous	X	X	X	X
NS-1649	Continuous	X	X		X
NS-1602	Squeeze	X	X		
NS-1630	Squeeze	X	X		
NS-1641	Squeeze	X	X		
NS-1642	Squeeze	X	X		X
NS-1553	Iron Sulfide			X	
NS-1603	Converter				

Solvents

Prevent unwanted accumulations of wax and asphaltenes

PRODUCT	TREATMENT	OIL WELL	GAS WELL	TANK BOTTOMS	PARAFFIN REMOVAL	ASPHALTENE REMOVAL	DISPERSANT
NS-1001	Paraffin Solvent	X	X	X	X	X	
NS-1002	Paraffin Solvent	X	X	X	X	X	
NS-1003	Paraffin Solvent	X	X	X	X		
NS-1004	Paraffin Solvent	X	X	X	X	X	
NS-1005	Paraffin Solvent	X	X	X	X	X	X
NS-3017	Mutual Solvent	X	X				
NS-2001	Bottoms Compounds	X	X	X			
NS-2003	Bottoms Compounds	X	X	X			
NS-2005	Bottoms Compounds	X	X	X			
NS-2006	Bottoms Compounds	X	X	X			
NS-5014	Bottoms Compounds	X	X	X	X		
NS-5015	Bottoms Compounds	X	X	X			

FIELD STRENGTH

Paraffin Asphaltene

Control accumulation and balance disruption in production equipment

PRODUCT	TREATMENT	PARAFFIN DISPERSANT	ASPHALTENE DISPERSANT	ASPHALTENE SOLVENT	INHIBITOR/ CRYSTAL MODIFIER	DEMULSIFIER
NS-1200	Paraffin Dispersants	X		X		
NS-1201	Paraffin Dispersants	X				
NS-1243	Paraffin Dispersants	X			X	
NS-1244	Paraffin Dispersants	X		X	X	
NS-1245	Paraffin Dispersants	X		X	X	
NS-1272	Paraffin Dispersants	X				X
NS-1274	Paraffin Dispersants	X				X
NS-1202	Paraffin Dispersant/Demulsifier Blends	X				X
NS-1221	Paraffin Dispersant/Demulsifier Blends	X				X
NS-1222	Paraffin Dispersant/Demulsifier Blends	X				X
NS-1223	Paraffin Dispersant/Demulsifier Blends	X				X
NS-1229	Paraffin Dispersant/Demulsifier Blends	X				X
NS-1232	Paraffin Dispersant/Demulsifier Blends	X		X		X
NS-1237	Paraffin Dispersant/Demulsifier Blends	X				X
NS-1238	Paraffin Dispersant/Demulsifier Blends	X		X		X
NS-1239	Paraffin Dispersant/Demulsifier Blends	X				X
NS-1241	Paraffin Dispersant/Demulsifier Blends	X				X
NS-1243	Paraffin Dispersant/Demulsifier Blends	X			X	X
NS-1248	Paraffin Dispersant/Demulsifier Blends	X				X
NS-1249	Paraffin Dispersant/Demulsifier Blends	X				X
NS-1252	Paraffin Dispersant/Demulsifier Blends	X		X		X
NS-1256	Paraffin Dispersant/Demulsifier Blends	X				X
NS-1263	Paraffin Dispersant/Demulsifier Blends	X				X
NS-1265	Paraffin Dispersant/Demulsifier Blends	X				X
NS-1266	Paraffin Dispersant/Demulsifier Blends	X				X
NS-1268	Paraffin Dispersant/Demulsifier Blends	X				X
NS-1270	Paraffin Dispersant/Demulsifier Blends	X			X	X
NS-1272	Paraffin Dispersant/Demulsifier Blends	X				X
NS-1274	Paraffin Dispersant/Demulsifier Blends	X				X
NS-1278	Paraffin Dispersant/Demulsifier Blends	X				X
NS-1244	Paraffin Dispersant/Paraffin Inhibitor Blends	X		X	X	
NS-1245	Paraffin Dispersant/Paraffin Inhibitor Blends	X		X	X	
NS-1270	Paraffin Dispersant/Paraffin Inhibitor Blends	X			X	X
NS-1257	Paraffin Inhibitors			X	X	
NS-1258	Paraffin Inhibitors				X	
NS-1261	Paraffin Inhibitors				X	
NS-1255	Asphaltene Dispersant		X	X	X	X

FIELD STRENGTH

Scavengers

Mitigate the effects of toxic gases

PRODUCT	TREATMENT	SOLUBILITY	H ₂ S	O ₂	FeS	Fe INHIBITOR	WINTERIZED	COMMENTS
NS-1502	O ₂ Scavengers	Water Soluble		X				50% Nickel Catalyzed
NS-1503	O ₂ Scavengers	Water Soluble		X				50% Cobalt Catalyzed
NS-1516	O ₂ Scavengers	Water Soluble		X				62.5% Non-Catalyzed
NS-1508	H ₂ S Scavengers	Water Soluble	X				X	48% Active w/Scale Inhibitor Pkg
NS-1535	H ₂ S Scavengers	Water Soluble	X				X	35% Active
NS-1538	H ₂ S Scavengers	Water Soluble	X				X	38% Active
NS-1540	H ₂ S Scavengers	Water Soluble	X				X	40% Active
NS-1542	H ₂ S Scavengers	Water Soluble	X					42% Active
NS-1545	H ₂ S Scavengers	Water Soluble	X				X	45% Active
NS-1551	H ₂ S Scavengers	Water Soluble	X					42% Active w/Scale Inhibitor Pkg
NS-1570	H ₂ S Scavengers	Water Soluble	X				X	35% Active w/Scale Inhibitor Pkg
NS-1575	H ₂ S Scavengers	Water Soluble	X				X	40% Active w/Scale Inhibitor/ Corrosion Inhibitor Pkg
NS-1580	H ₂ S Scavengers	Water Soluble	X				X	40% Active w/Scale Inhibitor Pkg
NS-1517	Iron Sulfide Scavengers	Water Soluble			X			w/Surfactant Pkg
NS-1521	Iron Sulfide Scavengers	Water Soluble			X			Deodorize w/Surfactant Pkg
NS-1527	Iron Sulfide Scavengers	Water Soluble			X		X	w/Surfactant Pkg
NS-5415	Iron Sulfide Scavengers	Water Soluble			X			75% THPS
NS-5416	Iron Sulfide Scavengers	Water Soluble			X			THPC
NS-1553	Iron Sulfide Inhibitors	Water Soluble			X	X		w/Scavenger Pkg

Surfactants

Lower surface/interfacial tension between liquids or liquids and solids

PRODUCT	OIL SOLUBLE	CATIONIC	NON-IONIC	ANIONIC	ACID SURF	WINTERIZED	COMMENTS
NS-2133			X			X	Flow Back Aid/Clay Stabilizer
NS-2153		X					Clay Stabilizer
NS-2159		X					KCL Substitute/Clay Stabilizer
NS-3001			X	X			Low pH Surfactant
NS-3004			X				General Purpose
NS-3008			X			X	
NS-3012					X	X	
NS-3014	X						
NS-5411	X			X			Salted DDBSA Conc
NS-6005		X	X	X			Industrial Cleaning Conc

FIELD STRENGTH

Acids

Access acid based surfactants, safe acid packages, and acid corrosion inhibitors

PRODUCT	HCl	PHOSPHORIC	INHIBITED	WEIGHTED	RECOMMENDED USES
NS-1900	X		X		
NS-1901		X	X		Chrome Parts
NS-1904		X	X		Contains SI Pkg
NS-1905		X		X	With Surfactant Pkg
NS-1909	X		X		
NS-1917	X		X		
NS-1935	X		X		Safe Acid

Acid Inhibitor

Anti-iron sludge agent for acidizing operations

PRODUCT	HCl	PHOSPHORIC	INHIBITED	WEIGHTED	RECOMMENDED USES
NS-2158					Anti-Iron Sludge Agent for Acidizing Operations. Contains an Iron Chelant, Demulsifier and ACI

Foamers

Designed for unloading gas wells, air mist drilling, acidizing and other applications

PRODUCT	FRESH WATER	BRINE	SI PKG	CI PKG	WINTERIZED
NS-1809	X	X	X		
NS-1822	X	X	X		X
NS-1842	X	X			
NS-1844	X	X	X		X
NS-1846	X	X	X		
NS-1850	X	X	X		X
NS-1853	X	X	X	X	X
NS-1855	X	X	X	X	
NS-1857	X				
NS-1861	X	X	X		X
NS-2149	X	X	X	X	X

Defoamers

Formulated to dissipate foam in drilling, production, and waste-water treatment

PRODUCT	TYPE	FRESH WATER	BRINE	SI PKG	CI PKG	WINTERIZED
NS-1815	Silicone Defoamer	X	X			
NS-1858	Alcohol/Silicone Defoamer	X	X			X
NS-1872	Alcohol Defoamer	X	X			X

Sticks

Treat difficult to access locations

PRODUCT	H ₂ S SCAVENGER	IRON SULFIDE SCAVENGER	CORROSION INHIBITOR	OIL SOLUBLE
NS-4113	X			
NS-4117		X		
NS-4130			X	X
NS-4170			X	

Biocides

Combat bacteria related challenges

PRODUCT	CHEMISTRY
NovaCide 1125	25% Glut
NovaCide 2512	25% Glut/ 12% Quat Combo
Tolcide PS20A	20% THPS
Tolcide PS50A	50% THPS
AMA-35D-P	98% Dazomet (Solid)
AMA-324	24% Dazomet (Liquid)
EnvironBrom G	96% DBNPA (Solid)



Miscellaneous

Formulations to address specific challenges

PRODUCT	COMMENTS
NS-2136	Sodium hypochlorite
NS-2158	Anti-iron sludge agent for acidizing operations. Contains an iron chelant and demulsifier.
NS-5414	Friction reducer
NS-9021	Nonionic emulsifier / surfactant used in drilling water based mud applications.
NS-9023	Nonionic, winterized emulsifier / surfactant used in drilling mud applications.
NS-5038	T-MAC

NovaStar ✦

Phone: 432-570-4207

Toll Free: 877-291-0619

info@novastarlp.com